

REMARKS

In response to the Restriction Requirement of June 30th 2004, Applicants elect Group II, claims 5-14, 39 and 42 drawn to isolated nucleic acid, vector, host cell, classified in class 536, subclass 23.1. Further, Applicants elect the nucleic acid sequence (SEQ ID NO: 47) encoding the polypeptide of SEQ ID NO: 48.

Upon entry of this amendment, claims 5, 8, 9-14, 39, and 42 will be pending. Claims 1-4, 15-38, 40, 41 and 43-49 have been withdrawn without prejudice or disclaimer as drawn to non-elected subject matter. Applicants reserve the right to pursue these claims in a later application. Elected claims 6, 7, and 11 have been canceled. Claims 5, 8, 9, 10 and 12 have been amended. No new matter has been added.

CORRECTION OF INVENTORSHIP UNDER 37 C.F.R. § 1.48(b).

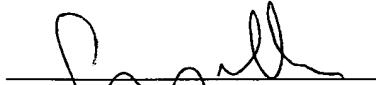
As a result of the election being made in this response, a Petition to Correct Inventorship under 37 C.F.R. §1.48(b) is in order and is being filed concurrently herewith. Upon the grant of this petition the following individuals are the correct inventors of the claimed subject matter: . Gangolli, Esha A. and Gerlach, Valerie L.

CONCLUSION

On the basis of the foregoing amendments and remarks, applicants respectfully submit that this paper is fully responsive and that the pending claims are in condition for allowance. Such action is respectfully requested. If there are any questions regarding these amendments and remarks, the Examiner is encouraged to contact the undersigned at the telephone number provided below.

Date: September 29th 2003

Respectfully submitted,



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